



SimpleNet

SimpleNet HomePlug AV500 Adapter

Part No.: **506663**

The easiest way to create a high-speed network.

The Manhattan SimpleNet lets you to create a high-speed network for your home by simply plugging the adapters into any electrical outlet. You immediately create a high-speed, multi-stream, entertainment-oriented network over existing AC home wiring. Ideal for Web-ready gaming consoles, Smart TVs, computers and other digital media devices; there is simply no easier way to connect these to your network or the Internet.

Multimedia Streaming over Your Power Lines!

Network your PCs and share the high-speed Internet connection using existing electrical outlets. No need to drill holes in walls, pull cable through the attic or basement, or pay for a contractor. Just plug the SimpleNet into the wall, connect it to your router, and you have now created a network within your home. Attach multiple computers to the network by simply plugging them into additional SimpleNet adapters.

High Performance

SimpleNet complies with HomePlug AV standards and provides a network connection speed of up to 500 Mbps. It automatically senses the speed of the router or computer device, and adjusts to accommodate the correct Ethernet devices.

Cost Effective

Because there is no special wiring required, SimpleNet can be installed with minimal expense. And you can move them to different locations without having to reconfigure the adapter or your network. Plus, SimpleNet uses 128-bit encryption for the protection of you and your family.

* SimpleNet is compatible with HomePlug 1.0 adapters, but not the Powerline Turbo Ethernet Bridge. However, the two products can co-exist on the same power system without interfering with one another.

Kit includes one SimpleNet adapter

Features:

- Creates a high-speed 500 Mbps home network via your home's power lines
- Provides network access for gaming consoles, Web-ready TVs, computers and more
- Uses the latest in HomePlug AV technology for faster speeds and enhanced security
- Ideal for HD-quality video streaming and online gaming

- Up to 500 Mbps network data rates and data security through 128-bit encryption
- Plug and play — installs in minutes with no drivers
- Compatible with HomePlug 1.0 adapters
- Three-Year Warranty

Specifications:

Standards

- IEEE 1901 / HomePlug AV
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX

General

- 10/100 Mbps RJ45 port
- AC power line port
- Chipset: Qualcomm Atheros AR7420
- 500 Mbps PHY rate max.
- 128-bit AES Link Encryption with key management for secure power line communications
- OFDM modulation
- 1024/256/64/16/8 - QAM, QPSK, BPSK, ROBO carrier modulation
- Frequency band: 2 – 50 MHz

LEDs

- Power
- Power line Link/Activity
- Ethernet Link/Activity

Power

- Internal: 100 – 240 VAC, 50 – 60 Hz
- Power consumption: 3 watts (maximum)

Environmental

- Dimensions: 64 (L) x 46.5 (W) x 24.5 (H) mm (2.5 x 1.8 x 1.0 in.)
- Weight: 0.3 kg (0.66 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating relative humidity: 10 – 90%, non-condensing
- Storage temperature: -10 – 70°C (14 – 158°F)
- Storage relative humidity: 10 – 90%, non-condensing

Certifications

- HomePlug AV Powerline certification
- FCC Part 15, Part B, Class B
- CE
- RoHS

Minimum System Requirements

- Existing Manhattan SimpleNet Ethernet Adapter

- Established home network including router and Internet connection
- Configuration utility requires Windows XP, Vista, Windows 7 or Windows 8

Works With

- Gaming Consoles (Xbox 360, Playstation 3, Wii)
- Web-ready TVs and Blu-ray players
- Desktop or notebook computers

Package Contents

- SimpleNet Adapter
- Setup CD with user manual
- Ethernet network cable
- Quick install guide



